of grand of

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## VARIABLE PITCH

maximum performance) (Allows helmsman to vary forward and aft thrust and close blades sufficiently to gain

of airfoils; can pivot on ship (Optional mount for comb to angle comb assembly) BOOM

Control)

Pitch

(Foil

RACK

WIND DIRECTION THRUST, AS HELMISMAN

(FORWARD OR AFT

LIFT

FEATHERS RACK)

RECTIONAL" BLADES "OMINIDI

FROM PORT OR STARBOARD, ROTATING WITHOUT THE NEED FOR THE BOOM FLIPPING AROUND TO HANDLE TO PRODUCE LIFT - EITHER FORWARD OR AFT, AS DESIRED WIND FROM THE OPPOSITE DIRECTION (BLADES CAN ACCEPT WIND

PREFERRED BLADE SAIL MECHANISM FIGURE 4: CONFIGURATION OF